

Belzona[®] Protects Slug Catchers Against Erosion and Corrosion



Two of the slug catchers ready for internal coating.



The Belzona[®] 1391 being applied.



Sponge testing the Belzona[®] 1391 to ensure no application defects were present in the coating.

STATISTICS

CUSTOMER

Vessel Manufacturer,
Italy

APPLICATION DATE

September 2001

SUBSTRATE

Steel

PRODUCTS

Belzona[®] 1391
(Ceramic HT Metal)

APPLICATION SITUATION

Collapsible roof over conveyor belts - in the area between the coal yard and the boiler.

PROBLEM

Vessels were to be put into operation at 90°C and 70 bar pressure in a mixture of hydrocarbons and water. Belzona was applied to the bottom third of the vessels where the water gathers and causes corrosion.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. Particular care was taken to maintain temperature of the substrate during application.

BELZONA FACTS

The Belzona[®] 1391 after 2 years in service was replaced due to increased use of acid for well stimulation. Belzona[®] 1392 has been developed to deal with this specific type of situation where acid contamination occurs.